

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (previously presented) A communications network comprising:
two or more cell sites for communication with wireless terminals, at least one of the cell sites having multiple receive antennas; and
a central site having one or more controllers;
a switch system through which the one or more controllers are connected to the two or more cell sites;
a cell selector that uses a diversity technique to select one of the cell sites from the two or more cell sites for reception from a particular wireless terminal and connects the selected cell site to a respective controller through the switch; and
an antenna selector that uses a diversity technique to select one of the receive antennas of the multiple receive antennas of the selected cell site.

2. (previously presented) A communications network according to claim 1, wherein:
the cell selector is in the central site.

3. (previously presented) A communications network according to claim 1, wherein:
the antenna selector is in the one or more controllers.

- 4 (previously presented) A communications network according to claim 1 wherein the one or more controllers include transceivers that transmit and receive RF signals according to respective protocols that are used by the wireless terminals.

5. (previously presented) A communications network according to claim 1 wherein the central site is connected to the two or more cell sites via optical fibers, and each cell site comprises an optical transmitter and an optical receiver.

6. (previously presented) A communications network according to claim 1 wherein:
relative to the two or more cell sites, the cell selector is arranged before the switch system
and the antenna selector is arranged after the switch system.

7. (previously presented) A communications network according to claim 1 wherein:
relative to the two or more cell sites, the cell selector and the antenna selector are
arranged before the switch system.

8. (previously presented) A communications network, comprising:
a plurality of cell sites which receive a signal from a wireless terminal, each cell site
having multiple receive antennas; and
first means for using a diversity technique to select one of the cell sites;
second means for using a diversity technique to select one of the multiple receive
antennas of the selected one of the cell sites; and
third means for providing communication between a controller and the selected one of
the multiple receive antennas of the selected one of the cell sites.

9. (previously presented) A communications network according to claim 8,
wherein:
the third means comprises a switch;
the first means is on one side of the switch; and
the second means is on an opposite side of the switch.

10. (previously presented) A communications network according to claim 8,
wherein:
the third means comprises a switch; and
the first and second means are on one side of the switch.

11. (previously presented) A communications network according to claim 8,
wherein:

the third means comprises a switch; and
relative to the plurality of cell sites, the first means is arranged before the switch and the second means is arranged after the switch.

12. (previously presented) A communications network according to claim 8, wherein:

the third means comprises a switch; and
relative to the plurality of cell sites, the first and second means are both arranged before the switch.